

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|---|------------------|---------|------------------|
| | | ("electroless plating" and ((tft "thin film transistor") and (lcd "liquid crystal display")))) and etch\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/07 09:00 |
| L2 | 6080 | (solution and reductant and metal) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/11 16:06 |
| L3 | 88403 | photoresist and etch\$3 and remov\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/11 15:56 |
| L4 | 4307287 | first and second | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/11 16:07 |
| L5 | 104 | (2 and 3 and 4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/11 16:08 |
| L6 | 55 | (2 and 3) and first and second.clm. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/11 16:04 |
| L7 | 50 | (2 and 3) and (first and second). clm. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/11 16:05 |
| L8 | 7441 | (solution and reductant) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/11 16:06 |
| L9 | 1513792 | first and second and metal | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/11 16:07 |
| L10 | 104 | 3 and 8 and 9 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/11 16:08 |
| S1 | 226703 | "438"/\$.ccls. or "257"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/11 15:52 |
| S2 | 22 | ((tft "thin film transistor") and (lcd "liquid crystal display")) and ("438"/\$.ccls. or "257"/\$.ccls.)) and "electroless plating" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/06 16:49 |
| S3 | 57 | "electroless plating" and ((tft "thin film transistor") and (lcd "liquid crystal display")) | USPAT | OR | OFF | 2001/12/06 16:54 |

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| S4 | 68 | "electroless plating" and ((tft "thin film transistor") and (lcd "liquid crystal display")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2001/12/07 11:31 |
| S5 | 68 | "electroless plating" and ((tft "thin film transistor") and (lcd "liquid crystal display")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/06/25 14:38 |
| S6 | 5830 | reductant | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2001/12/07 11:35 |
| S7 | 12 | "mixed solution" same reductant | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/07 11:36 |
| S8 | 6664 | reductant | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/07 11:36 |
| S9 | 17 | "mixed solution" same reductant | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/07 11:36 |
| S10 | 101 | reductant and "electroless plating" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/07 11:58 |
| S11 | 488 | 438/158 | USPAT | OR | OFF | 2001/12/10 11:24 |
| S12 | 297 | 438/589 | USPAT | OR | OFF | 2001/12/07 15:32 |
| S13 | 1471 | reductant with metal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/10 07:36 |
| S14 | 20321 | (tft "thin film transistor") and (lcd "liquid crystal display") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/10 07:39 |

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|-----|--------|--|---|----|-----|------------------|
| S15 | 1 | (reductant with metal) and ((tft "thin film transistor") and (lcd "liquid crystal display")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/10 07:40 |
| S16 | 109 | reductant and "electroless plating" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/10 08:10 |
| S17 | 271 | 438/678 | USPAT | OR | OFF | 2001/12/10 11:26 |
| S18 | 150 | 438/678 and electroless | USPAT | OR | OFF | 2001/12/10 11:31 |
| S19 | 150 | 438/678 and electroless | USPAT | OR | ON | 2001/12/10 13:34 |
| S20 | 0 | 438/6687 | USPAT | OR | ON | 2001/12/10 13:35 |
| S21 | 551 | 438/687 | USPAT | OR | ON | 2003/02/20 09:06 |
| S22 | 200403 | "sulfuric acid" h2so4 "cupric sulfate" "cuso4.5h2o" "cuso4*5h2o" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/11 08:43 |
| S23 | 1031 | ("sulfuric acid" h2so4) and ("cupric sulfate" "cuso4.5h2o" "cuso4*5h2o") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/11 08:43 |
| S24 | 69 | ((("sulfuric acid" h2so4) and ("cupric sulfate" "cuso4.5h2o" "cuso4*5h2o")) and "electroless plating") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/11 08:45 |
| S25 | 52 | ((("sulfuric acid" h2so4) and ("cupric sulfate" "cuso4.5h2o" "cuso4*5h2o")) and "electroless plating") and (hcho formaldehyde hydrazine "sodium phosphate" nah2po2 "sodium borate" nabh4 dmab "dimethyl amine boran") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/11 08:48 |
| S26 | 53 | ((("sulfuric acid" h2so4) and ("cupric sulfate" "cuso4.5h2o" "cuso4*5h2o")) and "electroless plating") and (hcho formaldehyde hydrazine "sodium phosphate" nah2po2 "sodium borate" nabh4 dmab "dimethyl amine borane") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/11 08:50 |

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|-----|--------|--|---|----|----|------------------|
| S27 | 31 | ((("sulfuric acid" h2so4) and ("cupric sulfate" "cuso4.5h2o" "cuso4*5h2o")) and "electroless plating") and (hcho formaldehyde hydrazine "sodium phosphate" nah2po2 "sodium borate" nabh4 dmab "dimethyl amine borane")) and (electrode tft "thin film transistor") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/11 10:45 |
| S28 | 2 | "6284652".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/12 11:17 |
| S29 | 169930 | "gold chloride" aucl2 "sodium chloride" nacl | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/11 10:48 |
| S30 | 140 | ("gold chloride" aucl2) and ("sodium chloride" nacl) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/11 10:49 |
| S31 | 202501 | formaldehyde hcho hydrazine "sodium phosphate" nah2po2 "sodium borate" nabh4 "dimethyl amine borane" dmab | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/11 10:51 |
| S32 | 65 | (("gold chloride" aucl2) and ("sodium chloride" nacl)) and (formaldehyde hcho hydrazine "sodium phosphate" nah2po2 "sodium borate" nabh4 "dimethyl amine borane" dmab) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/11 10:56 |
| S33 | 38713 | TFT "thin film transistor" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/11 10:53 |
| S34 | 194695 | lcd "liquid crystal display" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/11 10:54 |

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|-----|--------|---|---|----|----|------------------|
| S35 | 0 | ((("gold chloride" auct2) and ("sodium chloride" nacl)) and (formaldehyde hcho hydrazine "sodium phosphate" nah2po2 "sodium borate" nabh4 "dimethyl amine borane" dmab)) and (TFT "thin film transistor") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/11 10:54 |
| S36 | 17029 | "electroless plating" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/11 10:55 |
| S37 | 2 | ((("gold chloride" auct2) and ("sodium chloride" nacl)) and (formaldehyde hcho hydrazine "sodium phosphate" nah2po2 "sodium borate" nabh4 "dimethyl amine borane" dmab)) and "electroless plating" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2001/12/11 10:56 |
| S38 | 1 | "5807607".pn. | USPAT | OR | ON | 2003/02/20 09:21 |
| S39 | 804 | glass with aerogel | USPAT | OR | ON | 2003/02/20 09:21 |
| S40 | 4529 | ((tft "thin film transistor") and (lcd "liquid crystal display")) and ("438"/\$.ccls. or "257"/\$.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/06/17 14:13 |
| S41 | 133 | gate with (trench or recess) with glass | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/06/17 14:14 |
| S42 | 358072 | gate | US-PGPUB; USPAT | OR | ON | 2003/06/20 11:42 |
| S43 | 747401 | trench recess groove | US-PGPUB; USPAT | OR | ON | 2003/06/20 11:42 |
| S44 | 584371 | glass | US-PGPUB; USPAT | OR | ON | 2003/06/20 11:42 |
| S45 | 16334 | tft | US-PGPUB; USPAT | OR | ON | 2003/06/20 11:42 |
| S46 | 55387 | lcd | US-PGPUB; USPAT | OR | ON | 2003/06/20 11:43 |
| S47 | 7 | ((tft "thin film transistor") and (lcd "liquid crystal display")) and ("438"/\$.ccls. or "257"/\$.ccls.)) and (gate with (trench or recess) with glass) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/12 09:11 |
| S48 | 119 | gate with (trench recess groove) with glass | US-PGPUB; USPAT | OR | ON | 2003/06/20 11:43 |

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| S49 | 10 | (gate with (trench recess groove) with glass) and tft and lcd | US-PGPUB; USPAT | OR | ON | 2003/06/20 11:44 |
| S50 | 54 | (glass with aerogel) with dielectric | USPAT | OR | ON | 2003/06/20 16:09 |
| S51 | 4382 | lcd with glass with substrate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/06/25 14:39 |
| S52 | 41 | (lcd with glass with substrate) with (trench groove recess) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2003/06/25 14:40 |
| S53 | 2253 | "trench gate" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/12 09:13 |
| S54 | 5169213 | @ad>"19991110" @rlad>"19991110" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/12 09:14 |
| S55 | 984 | "trench gate" not (@ad>"19991110" @rlad>"19991110") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/12 09:54 |
| S56 | 12 | "trench gate" with glass | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/12 09:53 |
| S57 | 7 | ("trench gate" with glass) not (@ad>"19991110" @rlad>"19991110") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/12 09:45 |
| S58 | 595 | "single layer substrate" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/12 10:01 |
| S59 | 0 | "trench gate" same "single layer substrate" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/12 09:54 |

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| S60 | 0 | "trench gate" and "single layer substrate" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/12 09:54 |
| S61 | 5 | "single layer substrate" same gate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/12 09:56 |
| S62 | 2 | "single layer substrate" same trench | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/12 09:56 |
| S63 | 271 | "single layer substrate" not (@ad>"19991110" @rlad>"19991110") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/12 09:58 |
| S64 | 14975 | "single substrate" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/12 10:01 |
| S65 | 7 | "trench gate" same "single substrate" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/12 10:01 |
| S66 | 2 | "5705230".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/08/12 11:17 |
| S67 | 3537 | "lift off method" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/26 08:37 |
| S68 | 3107 | "lift-off method" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/26 08:37 |
| S69 | 20364 | "LCD device" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/26 08:40 |

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| S70 | 14 | S67 and S69 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/26 08:38 |
| S71 | 14 | S67 and S69 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/26 08:38 |
| S72 | 20364 | "LCD device" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/26 08:40 |
| S73 | 14 | S67 and S72 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/26 08:40 |